



0207428225 WOLF ISLAND CREEK BELOW SR 1998 AT REIDSVILLE, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	136	122	133	155	141	146	139	132	137	142	138	140
2	134	118	130	155	148	152	138	133	135	146	136	139
3	133	126	131	148	143	144	133	131	132	149	146	147
4	132	116	123	150	141	144	706	118	160	146	144	145
5	135	120	129	147	145	146	328	179	236	---	---	---
6	135	118	130	146	137	143	180	161	173	---	---	---
7	132	119	126	198	134	139	177	161	170	145	142	143
8	132	128	131	220	159	192	161	150	156	149	144	147
9	130	127	129	159	136	144	151	144	148	148	139	142
10	130	126	129	143	130	138	149	100	135	249	142	197
11	132	128	129	136	130	131	144	102	123	173	158	165
12	146	131	143	130	128	130	164	142	149	159	151	156
13	140	137	138	135	130	132	164	143	155	164	149	154
14	144	136	140	210	132	138	603	121	285	150	144	147
15	137	133	135	214	147	174	284	173	212	150	143	145
16	135	133	134	147	137	140	186	154	168	165	142	150
17	135	132	133	137	134	135	184	129	151	167	158	164
18	134	131	133	134	132	133	150	142	145	221	143	161
19	135	133	133	134	111	129	151	142	145	182	158	166
20	134	132	133	166	107	141	158	149	151	168	157	164
21	136	130	132	166	152	159	180	158	169	157	149	154
22	136	135	136	152	142	146	164	147	152	150	146	148
23	136	133	134	142	137	139	148	144	146	146	144	145
24	133	132	132	137	134	135	164	145	152	144	129	141
25	133	130	132	134	131	133	148	142	145	143	137	140
26	133	131	131	133	132	133	144	138	141	143	135	139
27	134	119	130	133	131	132	150	141	149	145	139	141
28	151	120	137	145	120	130	149	143	146	739	145	294
29	153	133	143	127	120	124	143	139	141	452	208	264
30	153	145	149	132	127	128	142	137	139	317	219	273
31	145	143	143	---	---	---	143	140	141	279	212	241
MONTH	153	116	134	220	107	141	706	100	158	---	---	---
	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	212	188	200	137	131	134	127	123	125	138	128	134
2	188	174	182	133	130	132	128	124	126	---	---	---
3	253	151	186	133	131	132	127	123	125	---	---	---
4	163	153	156	132	128	130	127	124	126	---	---	---
5	185	163	170	130	124	128	128	125	126	---	---	---
6	---	---	---	128	124	126	127	125	126	---	---	---
7	---	---	---	132	127	129	131	124	127	---	---	---
8	---	---	---	141	128	131	132	127	130	---	---	---
9	---	---	---	144	132	137	133	128	131	---	---	---
10	---	---	---	132	126	129	133	127	130	---	---	---
11	---	---	---	129	125	126	131	127	129	---	---	---
12	---	---	---	126	124	125	140	120	128	---	---	---
13	---	---	---	126	123	124	150	125	135	---	---	---
14	---	---	---	125	124	125	148	128	139	---	---	---
15	---	---	---	126	121	124	152	140	146	---	---	---
16	---	---	---	149	124	134	152	144	148	---	---	---
17	---	---	---	146	130	136	144	138	141	---	---	---
18	---	---	---	131	128	129	146	142	144	---	---	---
19	---	---	---	129	126	128	142	140	141	---	---	---
20	---	---	---	133	127	130	147	141	145	---	---	---
21	---	---	---	134	127	130	147	141	145	---	---	---
22	---	---	---	140	126	130	144	140	142	---	---	---
23	---	---	---	141	135	138	142	139	140	---	---	---
24	---	---	---	135	128	131	141	139	140	---	---	---
25	---	---	---	129	127	128	146	141	143	---	---	---
26	123	117	122	129	125	127	150	142	146	---	---	---
27	445	115	155	128	124	127	145	136	141	134	130	132
28	189	147	166	129	123	126	---	---	---	134	132	132
29	148	136	141	126	123	124	---	---	---	133	131	132
30	---	---	---	129	123	125	137	133	135	133	125	130
31	---	---	---	129	123	127	---	---	---	132	130	131
MONTH	---	---	---	149	121	129	---	---	---	---	---	---



0207428225 WOLF ISLAND CREEK BELOW SR 1998 AT REIDSVILLE, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS  
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN									
1	---	---	---	6.9	6.9	6.9	7.1	7.0	7.1	7.1	6.8	7.0
2	---	---	---	6.9	6.8	6.9	7.3	7.0	7.1	6.9	6.6	6.8
3	---	---	---	7.1	6.9	7.0	7.3	7.0	7.1	6.8	6.6	6.6
4	---	---	---	7.1	7.0	7.1	7.3	6.6	7.2	6.9	6.2	6.6
5	---	---	---	7.1	7.0	7.1	7.3	7.1	7.3	6.6	6.3	6.5
6	---	---	---	7.2	7.1	7.1	7.1	6.9	7.0	6.7	6.6	6.6
7	---	---	---	7.2	7.1	7.2	7.2	7.0	7.1	6.9	6.7	6.8
8	---	---	---	7.3	7.2	7.2	7.1	6.7	7.0	6.7	6.6	6.7
9	---	---	---	7.3	7.0	7.1	7.0	6.8	6.9	6.8	6.6	6.7
10	---	---	---	7.3	7.1	7.2	6.9	6.3	6.8	6.8	6.7	6.7
11	---	---	---	7.3	7.2	7.2	6.9	6.4	6.8	6.7	6.5	6.5
12	---	---	---	7.3	7.2	7.3	---	---	---	6.8	6.6	6.7
13	---	---	---	7.4	7.2	7.3	7.0	6.9	7.0	6.9	6.7	6.8
14	7.3	7.2	7.3	7.3	7.2	7.3	7.0	6.9	7.0	6.7	6.4	6.6
15	7.3	6.4	7.1	7.4	7.3	7.3	7.0	7.0	7.0	6.6	6.5	6.5
16	7.2	6.7	7.0	7.5	7.2	7.3	7.1	7.0	7.0	6.6	6.6	6.6
17	6.9	6.7	6.8	7.4	7.2	7.3	7.1	7.0	7.0	6.7	6.6	6.7
18	6.7	6.5	6.6	7.5	7.2	7.3	7.2	7.0	7.1	7.0	6.6	6.7
19	6.6	6.5	6.6	7.5	7.2	7.3	7.2	7.0	7.1	6.7	6.3	6.6
20	6.6	6.5	6.6	7.5	7.3	7.4	7.2	7.0	7.1	---	---	---
21	6.7	6.6	6.6	7.5	7.1	7.3	7.3	7.0	7.1	---	---	---
22	6.7	6.6	6.7	7.4	6.9	7.2	7.3	7.0	7.2	---	---	---
23	6.7	6.6	6.6	7.4	7.0	7.2	7.3	6.1	7.1	6.8	6.3	6.6
24	6.7	6.6	6.6	7.3	7.1	7.2	6.7	6.2	6.6	6.9	6.8	6.9
25	6.8	6.7	6.7	7.3	7.2	7.3	6.8	6.7	6.8	7.0	6.7	6.8
26	6.8	6.8	6.8	7.2	6.9	7.1	---	---	---	7.0	6.9	7.0
27	6.8	6.7	6.8	7.1	7.0	7.1	---	---	---	7.1	7.0	7.0
28	6.8	6.7	6.8	7.1	6.9	7.0	6.8	6.6	6.7	7.1	7.0	7.1
29	6.9	6.8	6.8	7.0	6.9	6.9	6.9	6.6	6.8	7.2	7.0	7.1
30	7.0	6.9	6.9	7.2	7.0	7.1	6.7	6.6	6.6	7.1	7.0	7.1
31	---	---	---	7.2	7.0	7.1	6.9	6.6	6.6	---	---	---
MONTH	---	---	---	7.5	6.8	7.2	---	---	---	---	---	---

## 0207428225 WOLF ISLAND CREEK BELOW SR 1998 AT REIDSVILLE, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN									
1	7.2	7.0	7.1	7.2	7.1	7.1	7.6	7.6	7.6	7.3	7.2	7.2
2	7.2	7.0	7.1	7.2	7.1	7.2	7.7	7.6	7.6	7.3	7.2	7.2
3	7.2	7.1	7.1	7.2	7.1	7.2	7.7	7.6	7.6	7.3	7.2	7.3
4	7.2	7.1	7.1	7.2	7.0	7.1	7.8	7.5	7.7	7.4	7.2	7.3
5	7.2	7.1	7.1	7.2	7.1	7.1	7.6	7.5	7.6	---	---	---
6	7.2	7.1	7.1	7.2	7.0	7.1	7.7	7.6	7.7	---	---	---
7	7.2	7.1	7.1	7.1	6.8	7.0	7.7	7.7	7.7	7.3	7.3	7.3
8	7.2	7.1	7.1	7.3	7.1	7.2	7.7	7.7	7.7	7.4	7.3	7.3
9	7.2	7.1	7.1	7.2	7.1	7.1	7.8	7.7	7.7	7.4	7.3	7.3
10	7.2	7.0	7.1	7.2	7.1	7.2	7.8	7.3	7.7	7.4	7.3	7.3
11	7.2	7.1	7.1	7.3	7.2	7.2	7.6	7.4	7.5	7.3	7.2	7.3
12	7.3	7.1	7.1	7.3	7.2	7.2	7.7	7.6	7.6	7.3	7.3	7.3
13	7.3	7.0	7.1	7.3	7.2	7.2	7.7	7.7	7.7	7.4	7.3	7.3
14	7.2	7.0	7.1	7.3	7.2	7.2	7.7	7.5	7.6	7.3	7.3	7.3
15	7.2	7.0	7.1	7.3	7.2	7.3	7.8	7.6	7.6	7.4	7.3	7.3
16	7.2	7.1	7.1	7.4	7.2	7.3	7.7	7.3	7.6	7.4	7.3	7.3
17	7.2	7.1	7.1	7.4	7.3	7.3	7.4	6.7	7.1	7.4	7.3	7.3
18	7.2	7.1	7.1	7.4	7.3	7.3	7.1	6.8	6.9	7.3	7.2	7.3
19	7.2	7.1	7.2	7.3	7.1	7.2	7.2	7.1	7.2	7.4	7.3	7.4
20	7.2	7.1	7.2	7.4	7.3	7.4	7.2	7.2	7.2	7.4	7.4	7.4
21	7.1	7.0	7.0	7.4	7.3	7.4	7.3	7.2	7.3	7.4	7.3	7.3
22	7.1	7.0	7.0	7.5	7.3	7.4	7.3	7.2	7.3	7.3	7.3	7.3
23	7.2	7.0	7.1	7.5	7.4	7.4	7.3	7.2	7.3	7.4	7.3	7.3
24	7.2	7.0	7.1	7.5	7.4	7.4	7.3	7.3	7.3	7.4	7.3	7.3
25	7.1	7.0	7.1	7.6	7.4	7.5	7.3	7.3	7.3	7.4	7.2	7.3
26	7.1	7.0	7.0	7.6	7.4	7.5	7.3	7.3	7.3	7.2	7.1	7.2
27	7.0	6.9	7.0	7.6	7.5	7.5	7.4	7.3	7.3	7.3	7.2	7.3
28	7.1	7.0	7.1	7.6	7.5	7.6	7.4	7.3	7.3	7.3	7.1	7.2
29	7.1	7.1	7.1	7.6	7.6	7.6	7.4	7.1	7.3	7.4	7.2	7.3
30	7.1	7.1	7.1	7.6	7.6	7.6	7.3	7.2	7.2	7.4	7.3	7.3
31	7.2	7.1	7.1	---	---	---	7.3	7.2	7.2	7.4	7.3	7.4
MONTH	7.3	6.9	7.1	7.6	6.8	7.3	7.8	6.7	7.4	---	---	---
DAY	MAX	MIN	MEAN									
1	7.4	7.3	7.3	7.2	7.1	7.2	7.5	7.3	7.4	7.4	6.9	7.2
2	7.4	7.3	7.3	7.3	7.1	7.2	7.4	7.3	7.4	---	---	---
3	7.3	7.1	7.2	7.3	7.2	7.2	7.4	7.3	7.3	---	---	---
4	7.2	7.1	7.2	7.4	7.2	7.3	7.4	7.3	7.3	---	---	---
5	7.2	7.1	7.2	7.5	7.3	7.4	7.5	7.3	7.4	---	---	---
6	---	---	---	7.5	7.3	7.4	7.5	7.3	7.4	---	---	---
7	---	---	---	7.5	7.3	7.4	7.5	7.1	7.3	---	---	---
8	---	---	---	7.6	7.3	7.4	7.7	7.1	7.3	---	---	---
9	---	---	---	7.5	7.3	7.4	7.6	7.2	7.4	---	---	---
10	---	---	---	7.5	7.3	7.4	7.6	7.2	7.3	---	---	---
11	---	---	---	7.5	7.3	7.4	7.6	7.2	7.3	---	---	---
12	---	---	---	7.5	7.3	7.4	7.2	6.8	7.1	---	---	---
13	---	---	---	7.6	7.3	7.4	7.2	6.9	7.0	---	---	---
14	---	---	---	7.6	7.3	7.4	7.2	7.0	7.1	---	---	---
15	---	---	---	7.6	7.3	7.4	7.2	7.0	7.1	---	---	---
16	---	---	---	7.4	7.3	7.3	7.4	7.2	7.3	---	---	---
17	---	---	---	7.5	7.3	7.3	7.4	7.1	7.3	---	---	---
18	---	---	---	7.5	7.3	7.3	7.6	7.2	7.4	---	---	---
19	---	---	---	7.5	7.2	7.3	7.7	7.3	7.4	---	---	---
20	---	---	---	7.5	7.2	7.3	7.8	7.3	7.5	---	---	---
21	---	---	---	7.6	7.4	7.5	7.8	7.3	7.5	---	---	---
22	---	---	---	7.6	7.4	7.5	7.8	7.3	7.5	---	---	---
23	---	---	---	7.6	7.4	7.5	7.7	7.3	7.4	---	---	---
24	---	---	---	7.6	7.4	7.5	7.7	7.3	7.5	---	---	---
25	---	---	---	7.6	7.4	7.5	7.7	7.4	7.5	---	---	---
26	7.0	6.9	7.0	7.7	7.4	7.5	7.5	7.3	7.4	---	---	---
27	7.1	7.0	7.0	7.6	7.4	7.5	7.6	7.3	7.4	7.3	7.0	7.2
28	7.1	7.0	7.1	7.7	7.3	7.5	---	---	---	7.3	7.1	7.2
29	7.2	7.1	7.1	7.5	7.3	7.4	---	---	---	7.4	7.2	7.3
30	---	---	---	7.5	7.3	7.4	7.5	7.2	7.3	7.3	7.2	7.2
31	---	---	---	7.5	7.3	7.4	---	---	---	7.4	7.2	7.3
MONTH	---	---	---	7.7	7.1	7.4	---	---	---	---	---	---



## ROANOKE RIVER BASIN

0207428225 WOLF ISLAND CREEK BELOW SR 1998 AT REIDSVILLE, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS  
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN									
1	---	---	---	21.4	20.2	20.8	21.9	20.5	21.1	24.9	21.9	23.1
2	---	---	---	20.4	19.3	19.8	23.5	20.9	21.9	24.8	21.6	23.0
3	---	---	---	21.8	19.8	20.5	23.9	21.5	22.4	24.2	21.7	22.9
4	---	---	---	24.1	19.0	21.4	24.8	21.8	23.3	23.3	22.0	22.5
5	---	---	---	25.5	20.8	22.8	24.0	21.9	22.9	23.0	21.2	22.0
6	---	---	---	25.2	21.0	22.6	24.5	20.8	22.4	21.7	19.4	20.3
7	---	---	---	24.4	21.2	22.5	24.1	21.6	22.6	20.6	18.3	19.3
8	---	---	---	26.1	21.3	23.5	22.6	20.7	21.8	21.0	18.7	19.5
9	---	---	---	26.2	22.0	23.5	23.1	21.2	22.1	19.7	17.6	18.7
10	---	---	---	25.8	21.1	23.1	23.1	21.0	21.9	20.1	17.6	18.7
11	---	---	---	25.1	22.1	23.4	24.3	21.7	22.8	20.0	15.9	17.9
12	21.8	19.4	20.7	25.4	20.4	22.6	24.2	22.0	23.0	18.6	16.6	17.6
13	22.9	20.4	21.5	23.6	20.6	21.8	23.8	21.8	22.6	19.4	17.9	18.6
14	23.9	20.2	21.8	22.3	20.5	21.3	24.8	22.1	23.3	20.5	18.8	19.4
15	23.0	20.9	21.8	24.1	20.0	21.8	24.9	21.8	23.3	21.7	18.9	20.0
16	21.8	19.9	21.1	25.4	20.8	22.7	24.7	22.4	23.3	21.1	18.4	19.6
17	20.5	18.8	19.3	25.3	21.4	23.1	24.6	21.7	22.9	19.8	15.8	17.9
18	19.8	18.3	19.0	25.2	20.4	22.5	24.1	20.7	22.2	18.3	17.4	17.8
19	21.2	19.2	20.1	24.5	21.0	22.4	23.4	21.2	22.1	21.2	18.3	19.5
20	21.6	18.8	19.8	25.4	20.4	22.6	23.2	20.8	21.7	---	---	---
21	19.9	16.5	18.2	25.4	21.2	23.0	24.3	20.5	22.3	---	---	---
22	21.0	16.0	18.3	24.7	21.3	22.6	24.5	21.8	22.8	---	---	---
23	22.1	16.9	19.3	23.0	20.9	21.7	24.5	20.9	22.6	21.9	19.9	20.7
24	22.9	17.4	19.9	23.6	19.6	21.3	23.6	21.4	22.4	20.8	17.8	19.3
25	23.5	18.1	20.6	24.1	19.1	21.4	24.0	19.8	21.7	20.9	17.1	18.9
26	24.3	19.2	21.5	24.4	19.4	21.7	---	---	---	21.0	17.4	19.0
27	23.8	20.2	21.8	25.7	20.8	23.0	---	---	---	21.3	17.6	19.2
28	21.5	20.0	20.6	25.8	21.6	23.5	25.6	22.1	23.7	20.0	17.3	18.8
29	23.6	18.9	21.0	24.1	21.6	22.7	25.9	22.4	23.8	17.3	14.3	15.7
30	23.0	19.7	21.4	22.3	20.7	21.3	25.7	22.3	23.6	16.2	12.2	14.2
31	---	---	---	21.4	20.4	20.7	23.5	22.4	22.9	---	---	---
MONTH	---	---	---	26.2	19.0	22.2	---	---	---	---	---	---

## 0207428225 WOLF ISLAND CREEK BELOW SR 1998 AT REIDSVILLE, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN									
1	16.5	13.0	14.6	15.6	11.2	13.3	8.8	5.1	6.7	6.8	2.9	4.8
2	15.3	12.5	14.0	16.1	12.2	14.0	6.4	4.1	5.3	9.0	5.6	7.1
3	13.4	9.6	11.6	16.1	12.0	13.9	5.0	3.6	4.3	10.4	6.4	8.2
4	14.9	10.1	12.5	17.3	12.3	14.9	4.2	2.7	3.5	12.6	9.3	10.9
5	16.0	12.4	14.1	18.8	15.3	16.9	5.5	3.8	4.8	---	---	---
6	16.8	13.0	14.8	19.7	16.6	17.9	6.9	4.7	5.8	---	---	---
7	17.3	14.3	15.7	18.1	16.1	17.0	5.6	3.3	4.3	4.6	1.6	2.9
8	16.3	14.3	15.4	16.1	12.2	14.8	5.4	2.2	3.8	3.5	1.1	2.5
9	17.6	16.0	16.6	12.2	8.5	10.2	6.7	2.7	4.6	3.4	2.1	3.0
10	17.8	16.0	17.0	10.2	6.6	8.5	7.6	5.1	6.1	2.9	0.5	2.2
11	17.6	16.4	16.9	11.9	7.6	9.8	7.9	5.6	6.9	1.6	0.0	0.5
12	19.1	15.9	17.4	15.5	11.2	13.3	6.5	3.8	5.1	4.3	0.9	2.4
13	18.8	15.6	17.3	15.0	8.1	11.8	5.4	3.1	4.5	6.2	2.5	4.2
14	18.4	16.9	17.7	9.0	6.3	7.6	3.9	0.5	2.7	5.4	2.1	3.8
15	16.9	13.7	15.3	9.5	7.3	8.5	5.8	3.4	4.3	5.6	3.1	4.3
16	15.2	11.2	13.2	11.1	9.3	10.1	7.1	3.7	5.3	3.8	1.3	2.5
17	15.5	11.5	13.5	13.8	10.4	12.0	7.4	5.0	6.7	5.3	1.0	3.2
18	15.2	12.9	14.1	14.1	12.6	13.3	6.3	4.4	5.3	7.0	5.0	5.8
19	15.0	10.7	12.8	15.7	13.1	14.7	6.1	4.7	5.2	5.5	2.0	3.7
20	15.4	11.3	13.3	13.1	10.0	11.4	4.8	2.7	3.8	2.8	0.0	1.4
21	16.5	12.7	14.5	12.2	8.2	10.1	4.3	1.3	2.7	2.8	0.0	1.1
22	15.5	12.7	14.2	12.2	8.2	10.1	5.7	2.4	3.9	4.6	0.0	2.0
23	12.9	9.7	11.5	12.2	8.2	10.1	7.8	3.6	5.6	3.2	0.6	2.0
24	12.0	8.4	10.3	12.8	8.7	10.6	9.7	5.9	8.3	5.7	0.9	3.1
25	12.6	9.2	10.8	10.1	6.4	7.8	5.9	3.1	4.3	3.9	0.0	1.2
26	13.9	11.7	12.7	8.8	4.8	6.8	4.7	1.6	3.1	0.0	0.0	0.0
27	15.2	13.9	14.5	10.3	6.4	8.3	5.3	1.6	3.3	0.8	0.0	0.2
28	14.1	11.7	12.6	13.3	9.2	11.5	5.4	2.1	3.7	2.5	0.0	0.9
29	13.9	11.3	12.3	9.2	5.4	6.7	7.0	2.8	4.9	3.3	0.0	1.4
30	13.9	9.6	11.6	7.6	4.1	5.7	8.2	5.4	7.3	4.9	1.2	2.6
31	15.0	10.6	12.6	---	---	---	6.1	2.9	4.6	3.0	0.0	1.4
MONTH	19.1	8.4	14.0	19.7	4.1	11.4	9.7	0.5	4.9	---	---	---
	MAX	MIN	MEAN									
1	3.1	0.0	1.1	10.7	4.2	7.3	14.4	9.1	11.2	17.8	15.6	16.6
2	3.5	0.0	1.6	12.0	8.7	10.4	12.3	8.9	10.4	20.3	16.2	17.8
3	5.1	1.7	3.3	14.9	8.1	11.3	14.8	6.8	10.3	17.3	12.9	15.3
4	6.0	2.0	3.7	17.1	10.1	13.2	14.6	8.0	10.5	16.9	10.5	13.3
5	5.5	1.9	3.4	16.2	12.3	14.1	15.1	6.3	9.9	19.1	12.0	14.9
6	5.4	3.1	4.0	16.2	12.4	14.6	16.5	5.9	10.6	20.9	13.3	16.7
7	6.1	3.6	4.5	15.4	9.4	12.2	18.7	9.0	13.3	22.4	15.0	18.3
8	5.8	2.4	3.8	12.0	7.7	9.6	19.1	11.5	14.7	20.7	16.4	18.4
9	4.5	2.1	3.4	9.7	5.8	7.8	20.3	11.1	15.1	22.7	16.4	19.1
10	6.9	3.6	5.1	10.2	6.1	7.9	14.8	10.4	12.7	23.0	16.8	19.6
11	7.0	4.2	5.5	11.9	3.7	7.4	13.4	11.3	12.4	23.2	17.0	19.6
12	5.5	4.3	5.0	13.0	5.3	8.7	11.3	9.2	9.9	22.7	17.6	19.8
13	8.1	2.8	5.1	12.3	5.5	8.4	12.7	9.8	10.8	21.9	17.5	19.6
14	6.6	4.6	5.6	13.5	6.2	9.4	11.5	10.0	10.8	22.9	17.3	19.8
15	5.7	0.7	4.1	13.7	9.8	11.5	16.9	7.5	11.6	22.8	17.2	19.7
16	3.7	0.8	1.9	11.8	9.7	11.1	18.7	8.7	13.1	21.4	17.5	19.2
17	---	---	---	11.2	7.8	9.6	20.2	10.3	14.8	20.6	17.5	18.8
18	---	---	---	9.8	6.0	7.8	21.9	12.3	16.5	21.0	17.1	19.1
19	7.5	1.9	4.3	14.5	7.0	10.0	22.7	13.9	17.7	21.8	18.0	19.5
20	9.6	3.4	6.2	14.6	6.2	10.3	22.8	14.7	18.4	22.4	17.7	19.8
21	11.1	7.2	8.6	15.4	8.3	12.1	21.9	14.9	18.1	24.5	18.4	21.1
22	9.6	4.4	6.8	11.4	6.0	8.0	22.6	14.6	18.1	24.8	19.4	21.8
23	7.9	3.9	6.0	12.0	3.2	7.1	23.1	14.8	18.6	24.1	20.3	21.8
24	9.7	6.3	7.8	11.7	4.9	8.1	22.1	16.4	19.1	24.9	19.7	21.9
25	9.3	5.2	7.0	16.8	7.4	11.5	22.0	17.1	19.1	25.0	20.0	22.3
26	5.4	1.8	4.2	18.6	9.8	13.7	18.8	15.6	17.2	24.0	20.5	22.1
27	5.9	1.5	3.5	18.1	12.2	14.9	17.7	13.0	15.1	23.5	19.7	21.3
28	8.9	1.5	4.8	17.8	12.8	15.2	---	---	---	21.5	19.8	20.7
29	9.3	2.6	5.7	18.3	9.8	13.6	---	---	---	23.2	17.7	20.4
30	---	---	---	12.8	10.1	10.9	19.0	12.9	15.8	20.9	19.1	19.9
31	---	---	---	11.0	9.6	10.2	---	---	---	22.6	19.2	20.7
MONTH	---	---	---	18.6	3.2	10.6	---	---	---	25.0	10.5	19.3



0207428225 WOLF ISLAND CREEK BELOW SR 1998 AT REIDSVILLE, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN									
1	---	---	---	6.7	5.8	6.3	7.4	6.3	6.9	---	---	---
2	---	---	---	6.9	5.3	6.4	7.2	6.2	6.8	---	---	---
3	---	---	---	6.7	6.2	6.4	7.0	6.2	6.6	---	---	---
4	---	---	---	7.0	5.9	6.6	6.8	6.1	6.5	---	---	---
5	---	---	---	7.3	6.0	6.7	6.7	6.1	6.4	---	---	---
6	---	---	---	7.4	5.6	6.8	6.8	5.7	6.4	---	---	---
7	---	---	---	6.9	6.1	6.6	6.7	5.8	6.3	---	---	---
8	---	---	---	7.0	5.9	6.5	6.8	5.7	6.3	---	---	---
9	---	---	---	7.0	5.1	6.4	6.2	5.6	5.9	---	---	---
10	---	---	---	8.0	6.4	7.2	6.7	5.0	6.1	---	---	---
11	---	---	---	7.6	6.6	7.1	---	---	---	---	---	---
12	7.2	5.9	6.8	7.8	5.3	7.0	---	---	---	---	---	---
13	6.6	5.6	6.2	7.7	6.4	7.4	6.9	6.1	6.6	---	---	---
14	5.9	5.1	5.6	8.2	7.1	7.6	6.3	5.0	5.7	---	---	---
15	7.1	3.6	5.6	7.9	7.2	7.4	5.6	4.6	5.1	---	---	---
16	7.8	4.5	6.2	7.8	6.0	7.1	6.4	5.2	5.7	---	---	---
17	7.5	7.2	7.4	7.5	6.0	6.7	6.8	5.5	6.2	---	---	---
18	7.6	7.0	7.4	7.4	6.0	6.6	6.7	5.6	6.1	---	---	---
19	7.4	6.5	7.0	7.0	6.0	6.4	6.2	5.2	5.8	---	---	---
20	6.7	5.9	6.4	6.8	5.6	6.2	7.0	5.3	6.2	---	---	---
21	6.6	5.9	6.2	6.7	5.5	6.1	6.9	5.4	6.1	---	---	---
22	6.5	5.5	6.0	7.1	5.4	6.1	6.6	5.2	5.8	---	---	---
23	6.3	5.4	5.9	6.7	5.9	6.5	---	---	---	---	---	---
24	6.3	5.3	5.8	6.9	6.1	6.5	---	---	---	---	---	---
25	6.1	5.2	5.7	7.7	6.4	7.0	---	---	---	---	---	---
26	5.9	5.1	5.5	7.7	5.8	7.0	---	---	---	8.3	7.4	8.0
27	6.0	5.2	5.6	7.3	5.7	6.6	---	---	---	8.3	7.2	7.8
28	6.6	5.6	6.1	7.4	5.7	6.5	---	---	---	8.3	7.5	8.0
29	6.7	5.7	6.2	7.1	5.4	6.3	---	---	---	9.0	8.1	8.6
30	6.5	5.7	6.1	7.4	6.5	6.8	---	---	---	8.7	7.4	8.2
31	---	---	---	7.3	6.6	6.9	---	---	---	---	---	---
MONTH	---	---	---	8.2	5.1	6.7	---	---	---	---	---	---

## 0207428225 WOLF ISLAND CREEK BELOW SR 1998 AT REIDSVILLE, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.0	7.6	8.0	9.8	8.5	9.2	10.9	9.6	10.3	11.3	9.8	10.6
2	9.8	8.8	9.2	9.7	8.3	9.0	11.4	10.2	10.8	10.5	9.3	9.9
3	10.2	8.9	9.6	9.6	8.2	8.9	11.8	11.1	11.4	10.6	9.1	10
4	9.8	8.3	9.2	9.3	7.8	8.6	12.2	11.2	11.7	9.7	8.6	9.2
5	9.3	8.2	8.8	8.6	7.7	8.2	11.3	10.5	10.9	---	---	---
6	9.4	8.0	8.7	8.5	7.2	8.0	11.1	10.4	10.8	---	---	---
7	9.1	7.8	8.4	8.9	7.6	8.3	11.8	10.8	11.3	12.4	10.9	11.7
8	8.9	7.8	8.3	8.5	7.5	7.8	12.3	11.0	11.6	12.5	11.3	11.9
9	8.5	6.8	7.7	9.6	8.5	9.1	12.1	10.5	11.4	11.9	11.2	11.4
10	8.3	7.0	7.7	10.2	8.8	9.6	11.1	10.2	10.7	12.4	11.4	11.9
11	8.1	7.2	7.6	10.3	8.4	9.4	10.9	10.1	10.5	12.9	11.9	12.4
12	8.1	5.9	7.3	8.9	7.3	8.2	11.9	10.9	11.4	12.3	10.7	11.6
13	7.5	6.1	6.8	9.3	7.6	8.4	12.5	11.4	12.1	11.4	9.8	10.7
14	7.9	6.5	7.3	10.7	9.1	10.0	13.6	11.8	12.7	11.5	10.1	10.7
15	7.2	6.2	6.8	10.0	9.0	9.5	12.9	11.3	12.1	10.9	9.8	10.4
16	7.8	6.6	7.3	9.7	8.8	9.3	13.0	11.5	12.2	12.2	10.8	11.6
17	8.0	6.6	7.3	9.4	8.1	8.9	11.6	10.4	11.0	12.0	10.3	11.3
18	7.3	6.6	6.9	9.3	8.2	8.6	11.7	10.8	11.4	10.5	9.7	10.2
19	8.0	6.7	7.4	8.8	7.7	8.2	11.6	10.6	11.1	11.7	10.1	11.1
20	7.8	6.6	7.2	9.9	8.7	9.3	11.6	10.8	11.3	12.7	11.4	12.0
21	7.2	5.8	6.6	10.9	9.5	10.1	12.5	10.9	11.7	12.8	11.0	11.9
22	6.8	5.9	6.4	11.4	10.0	10.7	11.6	10.3	11.1	12.5	10.3	11.5
23	7.8	6.6	7.3	11.4	9.9	10.6	11.1	9.5	10.4	12.1	10.4	11.2
24	8.3	7.2	7.7	11.0	9.5	10.3	9.8	8.9	9.2	11.7	9.7	10.9
25	8.3	7.3	7.8	11.8	10.0	11.1	11.1	9.7	10.5	12.8	10.3	11.4
26	7.5	6.6	7.2	12.2	10.7	11.5	11.6	10.3	11.0	12.3	11.3	12.0
27	7.2	6.0	6.6	11.7	10.1	11.0	11.6	10.0	10.9	12.2	11.6	12.0
28	7.8	7.2	7.6	10.2	8.5	9.6	11.3	9.9	10.6	12.0	11.1	11.6
29	9.1	7.8	8.7	10.6	9.0	10.1	10.9	9.8	10.4	12.4	11.2	11.7
30	10.1	8.7	9.4	11.2	9.8	10.6	10.3	9.3	9.7	12.4	11.1	11.8
31	10.0	8.5	9.4	---	---	---	11.5	10.0	10.7	13.4	11.7	12.5
MONTH	10.2	5.8	7.8	12.2	7.2	9.4	13.6	8.9	11.1	---	---	---
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13.4	12.0	12.8	12.8	10.5	11.7	11.1	9.5	10.3	8.8	6.8	8.2
2	13.5	11.9	12.7	11.2	8.9	10.4	11.3	9.8	10.5	---	---	---
3	12.4	10.6	11.5	10.5	8.4	9.4	11.8	9.5	10.6	---	---	---
4	11.8	9.7	10.9	9.9	7.7	8.9	11.5	10.0	10.5	---	---	---
5	11.1	8.8	10.4	10.0	8.1	9.1	12.5	10.2	11.2	---	---	---
6	---	---	---	9.8	8.3	8.8	12.5	9.6	11.1	---	---	---
7	---	---	---	10.7	8.7	9.7	11.6	8.4	10.2	---	---	---
8	---	---	---	11.5	9.3	10.5	10.8	8.2	9.4	---	---	---
9	---	---	---	12.6	10.9	11.5	10.6	8.0	9.3	---	---	---
10	---	---	---	12.7	11.1	11.8	10.7	8.4	9.6	---	---	---
11	---	---	---	13.4	10.6	12.1	10.3	8.9	9.5	---	---	---
12	---	---	---	12.9	10.3	11.6	10.0	9.2	9.7	---	---	---
13	---	---	---	13.1	10.8	11.9	9.8	8.6	9.3	---	---	---
14	---	---	---	12.9	10.3	11.6	9.2	8.8	9.0	---	---	---
15	---	---	---	11.9	10.0	10.9	10.3	8.2	9.3	---	---	---
16	---	---	---	10.8	10.1	10.4	10.1	8.0	9.1	---	---	---
17	---	---	---	11.7	10.3	10.9	9.8	7.7	8.8	---	---	---
18	---	---	---	12.2	10.5	11.3	9.6	7.3	8.5	---	---	---
19	---	---	---	11.9	9.5	10.7	9.3	7.1	8.2	---	---	---
20	---	---	---	11.9	9.2	10.5	9.1	6.9	8.0	---	---	---
21	---	---	---	10.6	9.3	9.8	8.9	7.0	7.9	---	---	---
22	---	---	---	11.9	9.5	11.0	9.6	7.5	8.2	---	---	---
23	---	---	---	13.2	10.4	11.7	9.5	7.1	8.3	---	---	---
24	---	---	---	12.4	9.7	11.3	8.8	7.1	7.9	---	---	---
25	---	---	---	11.6	9.0	10.3	8.8	7.0	7.8	---	---	---
26	13.0	11.9	12.6	10.9	8.5	9.7	8.2	7.3	7.7	---	---	---
27	13.5	11.8	13.0	10.3	8.3	9.2	8.8	7.6	8.2	8.0	6.8	7.5
28	13.8	11.4	12.7	10.2	8.5	9.3	---	---	---	7.3	6.6	7.0
29	13.3	11.3	12.3	11.2	8.8	9.9	---	---	---	7.4	6.2	6.8
30	---	---	---	11.3	9.4	10.4	9.9	8.0	9.0	6.7	5.7	6.3
31	---	---	---	11.2	10.0	10.5	---	---	---	6.7	5.4	5.9
MONTH	---	---	---	13.4	7.7	10.5	---	---	---	---	---	---



## ROANOKE RIVER BASIN

0207428225 WOLF ISLAND CREEK BELOW SR 1998 AT REIDSVILLE, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION  
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN									
1	---	---	---	77	67	71	85	72	79	---	---	---
2	---	---	---	76	59	72	85	72	78	---	---	---
3	---	---	---	77	70	72	83	72	77	---	---	---
4	---	---	---	81	70	75	79	71	77	---	---	---
5	---	---	---	87	70	79	78	72	76	---	---	---
6	---	---	---	89	67	80	80	68	75	---	---	---
7	---	---	---	80	73	78	79	69	74	---	---	---
8	---	---	---	84	71	78	77	65	73	---	---	---
9	---	---	---	84	62	76	71	64	68	---	---	---
10	---	---	---	97	77	85	78	58	71	---	---	---
11	---	---	---	92	79	85	---	---	---	---	---	---
12	83	67	77	91	61	83	---	---	---	---	---	---
13	76	64	71	92	74	86	81	72	78	---	---	---
14	67	60	64	95	81	88	74	60	67	---	---	---
15	83	42	65	92	82	86	68	56	61	---	---	---
16	89	51	71	92	72	84	78	62	68	---	---	---
17	83	80	82	90	72	80	81	65	73	---	---	---
18	83	77	81	87	71	78	78	66	72	---	---	---
19	82	73	78	85	70	75	74	60	67	---	---	---
20	74	66	71	80	67	73	82	61	71	---	---	---
21	69	64	67	80	65	72	82	64	72	---	---	---
22	67	62	65	83	64	72	80	61	69	---	---	---
23	68	62	65	78	68	75	---	---	---	---	---	---
24	69	62	65	79	71	74	---	---	---	---	---	---
25	67	61	64	88	73	80	---	---	---	---	---	---
26	67	60	63	89	69	80	---	---	---	91	83	87
27	69	60	65	87	71	78	---	---	---	91	81	86
28	75	64	69	89	69	78	---	---	---	91	83	87
29	76	66	71	84	64	75	---	---	---	92	83	87
30	76	66	70	85	74	78	---	---	---	85	75	81
31	---	---	---	84	75	79	---	---	---	---	---	---
MONTH	---	---	---	97	59	78	---	---	---	---	---	---

0207428225 WOLF ISLAND CREEK BELOW SR 1998 AT REIDSVILLE, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	94	74	80	93	85	89	90	83	86	88	81	84
2	98	87	91	94	85	89	91	84	87	87	80	83
3	95	85	90	93	84	88	92	87	89	91	81	86
4	92	83	87	92	82	86	92	86	89	90	81	85
5	93	83	87	92	83	86	88	84	86	---	---	---
6	95	82	87	92	79	86	91	84	87	---	---	---
7	94	80	86	95	79	87	91	86	89	92	85	88
8	91	80	84	81	76	78	93	87	90	91	86	89
9	90	70	81	86	80	82	93	86	89	89	84	86
10	88	75	81	87	79	83	90	84	88	91	86	88
11	86	75	80	90	78	84	90	86	88	90	85	88
12	87	64	77	85	74	79	96	88	91	89	83	86
13	80	65	72	85	76	79	97	89	94	87	80	84
14	85	68	78	92	78	85	99	91	95	87	80	83
15	74	63	69	87	80	82	102	91	94	84	78	81
16	75	66	70	89	80	84	101	93	97	90	81	86
17	76	67	71	89	79	84	97	87	92	89	82	86
18	73	65	68	91	80	83	94	89	91	85	80	83
19	75	67	71	90	78	82	92	85	89	90	81	85
20	75	66	70	92	83	87	90	85	87	90	84	87
21	69	59	66	98	85	91	91	84	88	89	82	85
22	67	60	63	103	89	96	88	82	85	88	80	84
23	72	63	68	102	92	96	86	81	84	88	78	82
24	74	66	70	100	90	94	82	77	79	88	78	82
25	75	69	72	100	89	95	86	79	82	89	79	82
26	71	65	69	100	92	96	86	81	83	85	79	84
27	71	60	66	100	92	95	86	80	83	85	82	84
28	74	70	73	94	78	89	85	79	82	86	80	83
29	86	73	83	88	79	84	88	80	82	89	81	84
30	92	83	87	90	83	86	84	79	82	92	84	88
31	96	85	90	---	---	---	88	82	84	95	81	90
MONTH	98	59	77	103	74	87	102	77	87	---	---	---
	FEBRUARY			MARCH			APRIL			MAY		
1	95	88	92	105	94	98	104	88	95	93	71	85
2	97	83	92	103	82	95	104	89	95	---	---	---
3	92	81	87	95	82	87	107	90	96	---	---	---
4	89	76	84	94	77	86	106	90	96	---	---	---
5	84	65	79	100	82	90	112	91	100	---	---	---
6	---	---	---	99	82	88	112	93	101	---	---	---
7	---	---	---	104	83	91	113	85	99	---	---	---
8	---	---	---	104	84	93	110	84	94	---	---	---
9	---	---	---	108	93	98	109	83	94	---	---	---
10	---	---	---	110	94	101	104	83	92	---	---	---
11	---	---	---	113	94	102	100	85	90	---	---	---
12	---	---	---	112	94	101	89	85	87	---	---	---
13	---	---	---	113	96	103	89	81	85	---	---	---
14	---	---	---	114	95	103	85	80	82	---	---	---
15	---	---	---	113	94	101	92	80	86	---	---	---
16	---	---	---	100	93	96	94	82	87	---	---	---
17	---	---	---	105	92	97	97	81	88	---	---	---
18	---	---	---	105	92	97	101	80	88	---	---	---
19	---	---	---	108	89	96	101	78	87	---	---	---
20	---	---	---	107	88	95	101	77	86	---	---	---
21	---	---	---	103	86	93	99	77	85	---	---	---
22	---	---	---	106	87	94	112	79	89	---	---	---
23	---	---	---	107	92	98	106	79	90	---	---	---
24	---	---	---	112	89	97	100	79	86	---	---	---
25	---	---	---	106	88	96	98	78	85	---	---	---
26	102	95	98	108	87	95	87	77	81	---	---	---
27	103	91	99	105	85	93	90	78	83	93	79	86
28	106	96	100	105	86	95	---	---	---	84	74	79
29	106	95	99	109	88	97	---	---	---	85	71	77
30	---	---	---	105	89	96	103	84	92	74	64	71
31	---	---	---	103	90	95	---	---	---	78	61	67
MONTH	---	---	---	114	77	96	---	---	---	---	---	---

